

## Medicaid Reform Advisory Group

### Analysis of Potential Regions

December 5, 2013



# Overview of Methodology

- Goals: Help develop a regional contracting approach that:
  - Maintains access and continuity of care for members
    - Reflects historic utilization patterns
    - Minimizes travel outside the region for services
  - Encourages participation by Coordinated Care Entities
    - Produces roughly equal size populations by region
- Method: Define regions based on historic patterns of utilization
  - Profile service demand from each patient county to provider county
  - Derive contiguous regions so that patients within a region receive services with their region
  - Evaluate findings and refine region definitions to improve
    - Percent of services received outside of the region (“out-migration”)
    - Population distribution by region

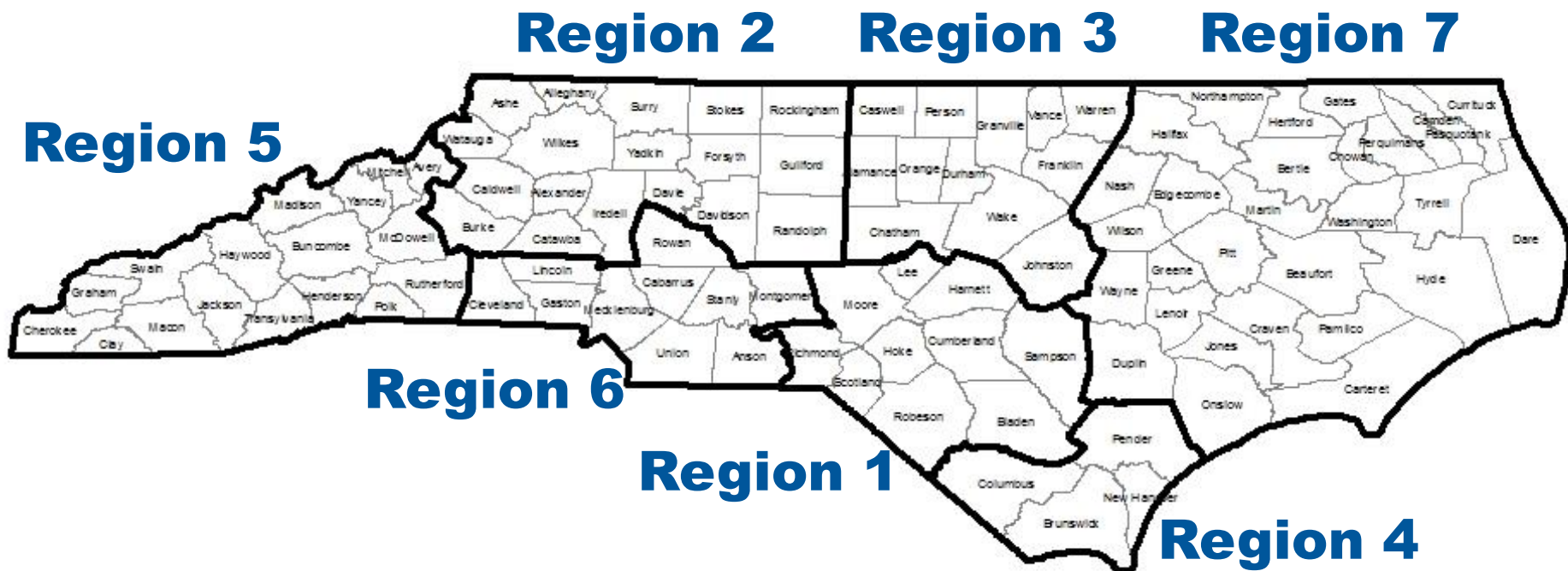
## Summary of Key Findings

- 7-region option: has the most cohesive utilization patterns, but 1 region is much smaller than others
- 6-region option: condenses 7 regions to 6 by folding the smallest region into an adjacent one; produces more equivalent populations across regions

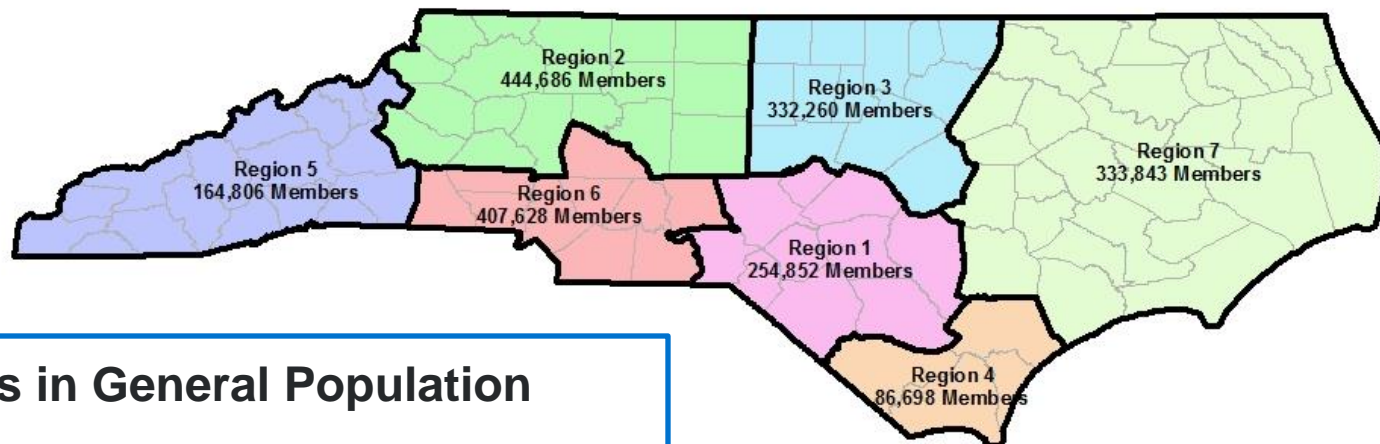
Options	Overall Out-migration	Range of Out-migration by Region	Range in Population by Region*
7 Regions	13.3%	9.2% - 20.0%	86,698 – 444,686
7 Regions collapsed to 6	12.8%	9.2% - 15.5%	164,806 – 444,686

\* Population = unique count of members for a year in the general Medicaid population; does not include the Seriously Mentally Ill / Intellectually Disabled (SMI/IDD) or Long Term Supports and Services (LTSS) sub-populations

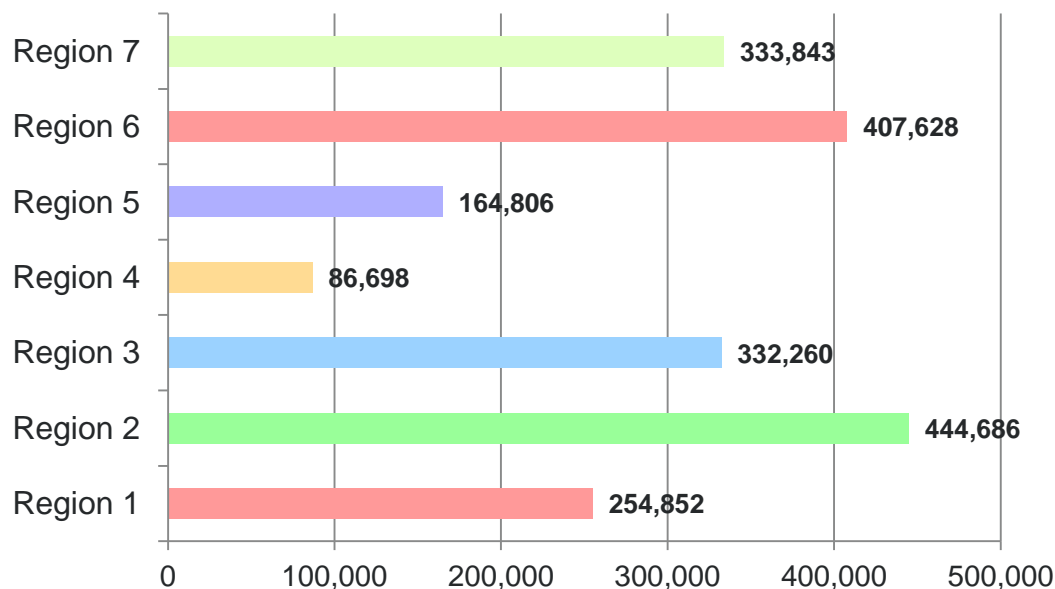
# North Carolina Counties with Proposed 7 Region Solution



# Proposed 7 Region Solution with Membership

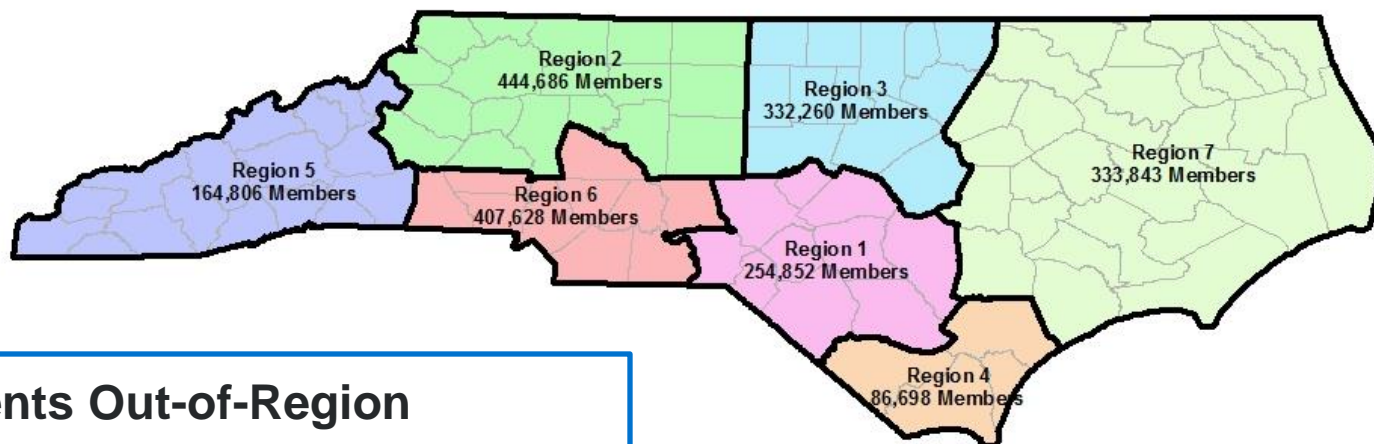


## Members in General Population

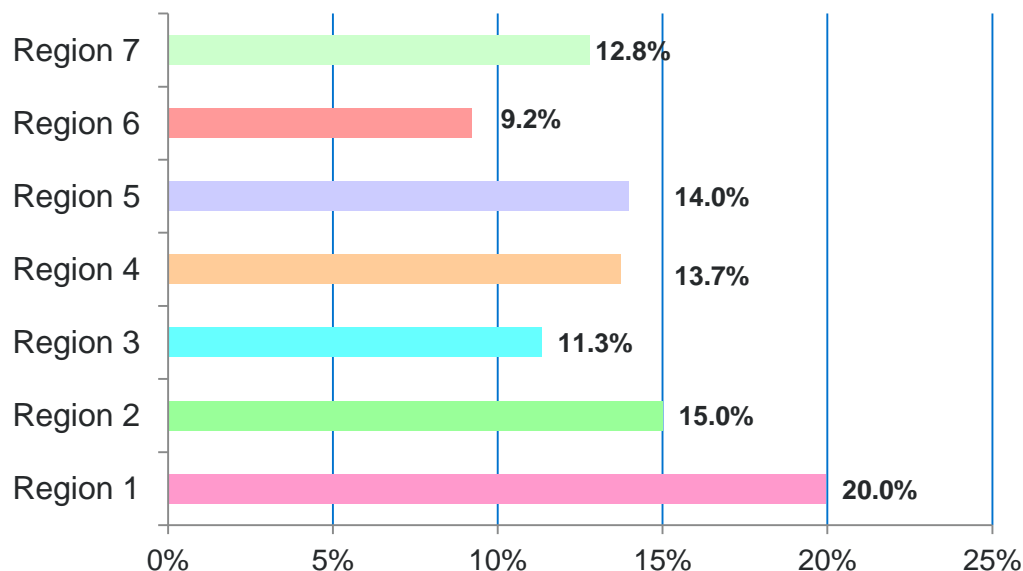


Members = unique count of members for a year in the general Medicaid population (not including SMI/IDD or LTSS).

# Proposed 7 Region Solution Out-Migration



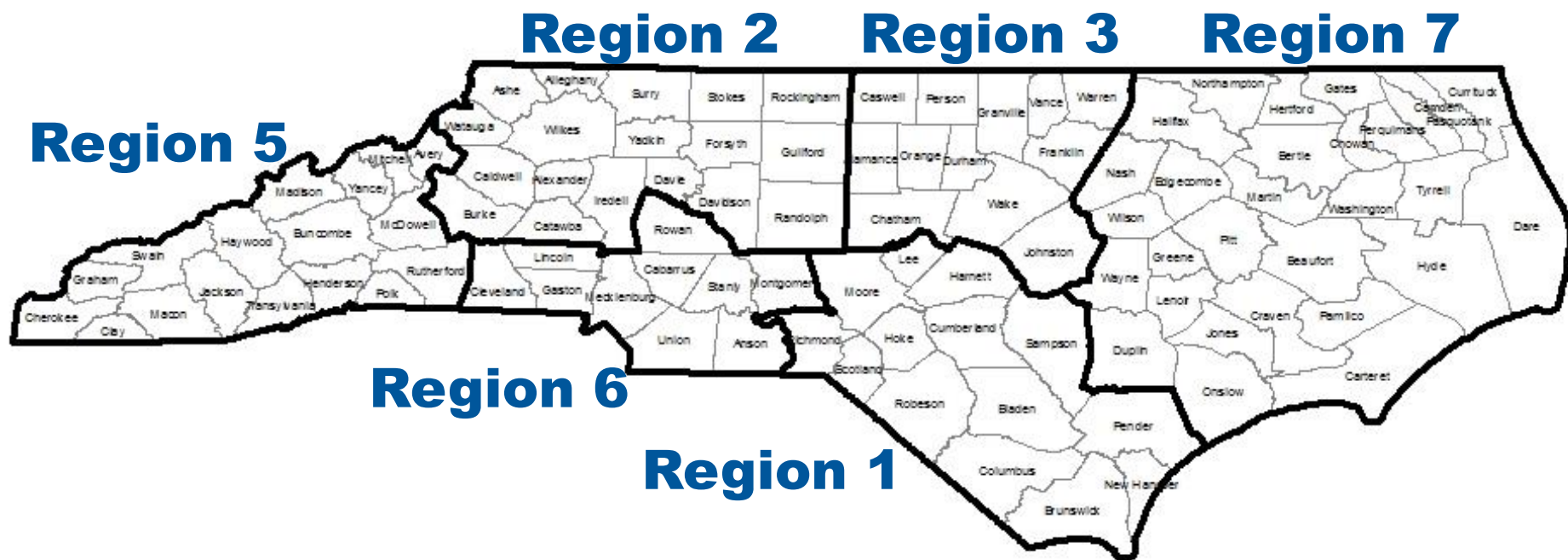
## % Payments Out-of-Region



This table highlights the percentage of claim payments occurring outside the proposed regions.



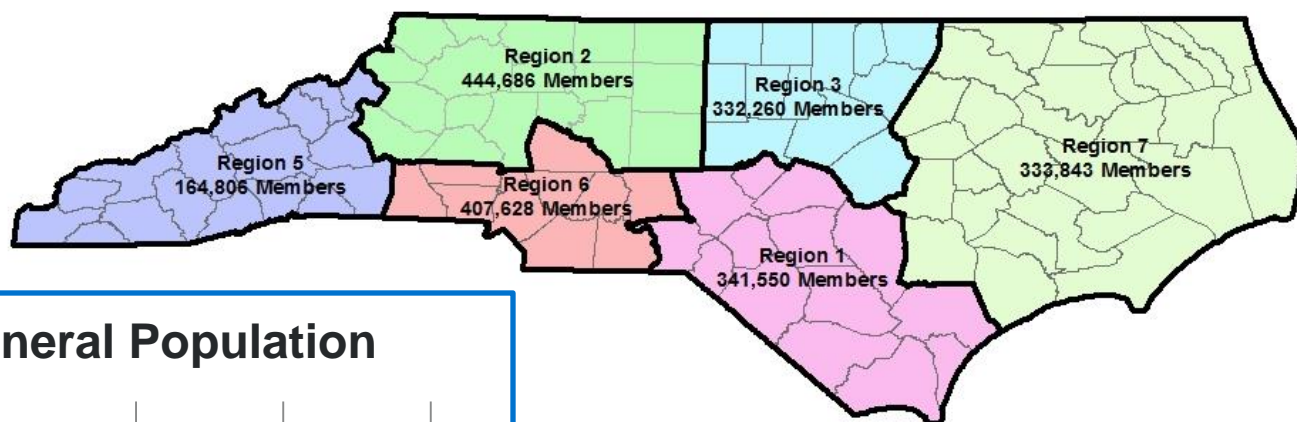
# North Carolina Counties with Proposed 6 Region Solution



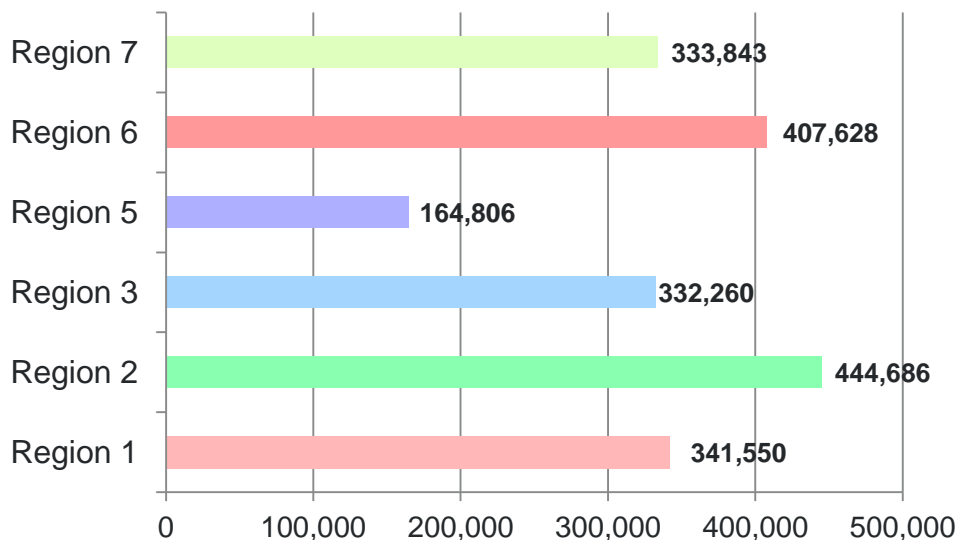
Region 4 has been consolidated into Region 1.

# Proposed 6 Region Solution with Membership

Consolidated Region 1 has 341K members.



## Members in General Population

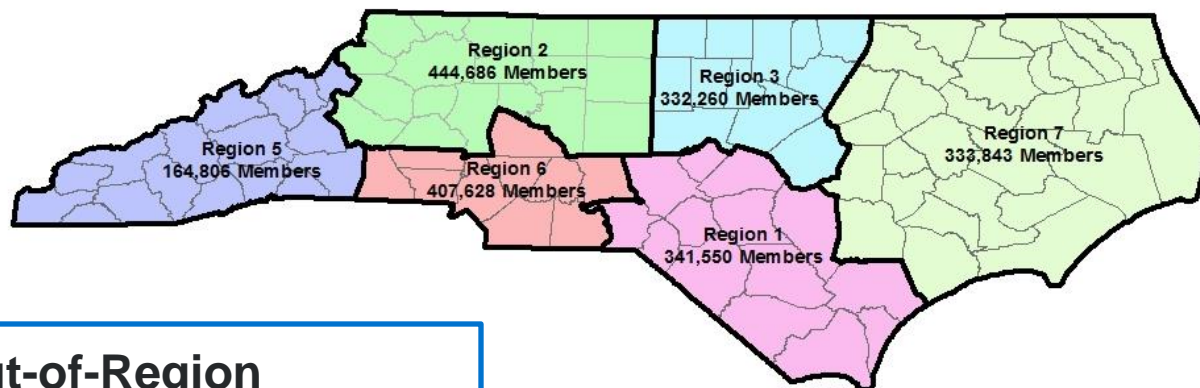


Members = unique count of members for a year in the general Medicaid population (not including SMI/IDD or LTSS).

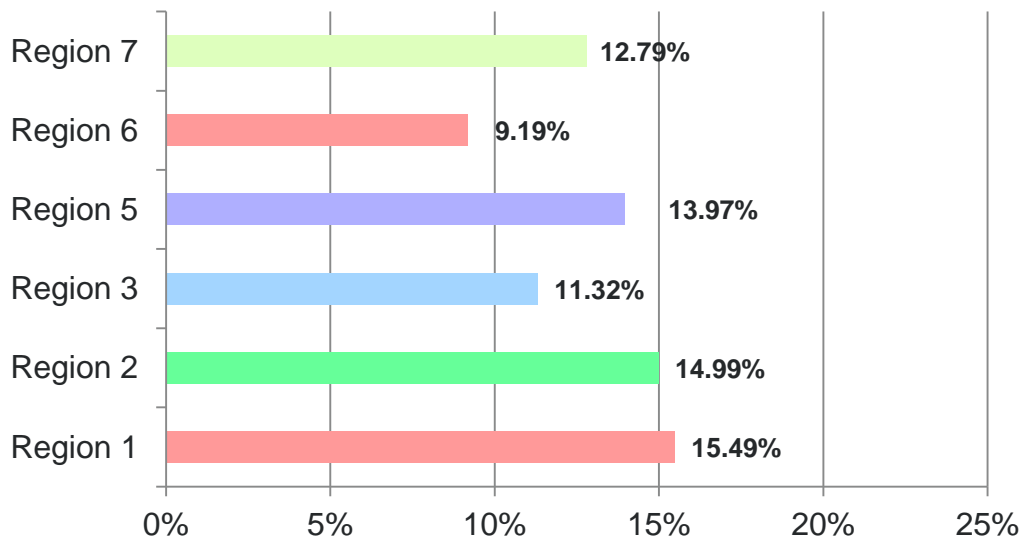


## Proposed 6 Region Solution Out-Migration

This map consolidates the 7 regions into 6 regions.



### % Payments Out-of-Region



This table highlights the percentage of claim payments occurring outside the proposed regions